



SREE BALAJI

DENTAL COLLEGE & HOSPITAL

January - April 2022 Newsletter

TABLE OF --- CONTENTS

The Editor's Note	01
Message from the Principal	02
Student Editor	03
Events	04
CDE of the Month	14
Camps	15
Publications	24
Staff Achievement	27
Student Achievement	30
Case of the Month	31
Student Corner	33
Alumni Corner	35
Upcoming Events	36

The **EDITOR's NOTE**



Dear readers,

To say that I am honoured to be writing to you would be an understatement of great proportion. It gives me immense pleasure and satisfaction to not only witness, but be a part of the editorial board of our college magazine. The publishing of the first edition of this year after COVID break is a first step towards achieving greater goals.

In this issue of our college magazine we have included college community highlights, events and achievements of the last three months including research articles published and honors won by students as well as faculties.

I am really thankful to our respected Principal Dr. S. Jimson for entrusting me with the responsibility of being the chief editor and I'd also like to take this opportunity to thank all the dignitaries for extending a helping hand towards this magazine.

Dr. Anitha Balaji
Professor and Head,
Department Of Periodontics and Implantology.

MESSAGE FROM THE PRINCIPAL



Dr. S. Jimson, MDS, FDS RCPS (Glasg)
Principal

Greetings,

Jacques Delores has rightly said that education is based on the four pillars of learning to be, learning to know each other, learning to do and learning to live and share together.

During the covid outbreak the college newsletter took a back seat. With normalcy restored, we are glad to restart the newsletter. I am honored and privileged to be recently appointed to lead this esteemed college as the new Principal. Our curriculum and practices are constantly and consistently reviewed to ensure we are following the most updated best practices.

Through the newsletter we aim to empower and inspire students and faculties to strive for excellence and keep up with the college motto "EXCELSIOR ". Together we can uphold the institution name, to take the college to greater heights and to transform this institution into a wonderful temple of learning to the best of our abilities.

Best Regards,
Dr. S. Jimson
Principal

STUDENT EDITORS



Madhu Priya Varshini A.S
Intern



Taliya Faisal
Final Year

We take pride in stepping into the position as student editor of our magazine. As our need of the hour is to become professional graduates, through our content we intend to post curriculums and extra curriculums that are relatable to our college lifestyle. We hope you all enjoy reading this edition as much as we enjoyed compiling it.

Best Regards,
Madhu Priya Varshini A.S
Taliya Faisal

EVENTS



- ✔ Women's Welfare Wing
- ✔ Management of Obstructive Sleep Apnea
- ✔ National Oral Medicine and Radiology Day
- ✔ Solid Waste Management



WOMEN'S WELFARE WING

On the 17th of March 2022, Sree Balaji Dental College and Hospital, a constituent institution of Bharat Institute of Higher Education and Research on the occasion of woman's day celebrated the grand inauguration of the woman's welfare wing. As time has flown on rapid wings and technology has advanced, women in today's society have evolved and have crossed horizons. This was an initiative towards appreciating the women of today and providing them with the necessary amenities that make them feel more empowered and independent. The college was delighted to have Honorable Minister Geetha Jeevan, Minister for Social Welfare and Women improvement as the chief guest for the event. The event marked the inauguration of Kavalan App, a SOS application developed by the state Tamil Nadu police protocol as a part of the police control room initiative. As women's safety is a growing concern each day, we were glad that the usage of this app was demonstrated at the event as a preventive measure. Furthermore, awareness on the Tamil Nadu women's helpline number 181, was spread incase of unfortunate events where help would be required.

Our college as a gesture to extend their support to the women working at the college established a committee so that their voices are heard incase of any grievances or discomfort at workplace. The event was attended by all the women faculties and helping staff of the college. The Chief Guest was facilitated by the Chairperson Dr. J. Srinisha, Registrar of BIHER Dr. S. Bhuminathan and Principal Dr. S. Jimson, Sree Balaji Dental College and Hospital. The event was organised by Dr. Anita Balaji, Head of Department of Periodontics and Implantology alongside Professor Dr. M. Anita, Secretary of Women's Welfare Wing. At the end of the event, a vote of thanks was addressed by Dr. K. Mahalaxmi and mementos were awarded to the women faculties of the college.









Presented by Dr. N. Ramakrishnan, AB(Int.Med), AB(Crit Care), AB(Sleep Med), AB(Obesity Med), MMM, FACP, FCCP, FCCM, FAASM, FICCM, FISDA, Director, Critical Care Services Apollo Hospitals, Nithra Sleep Centre, Chennai. Dr. P. C. Vijayakumar, DA. DNB. MNAMS, Anaesthesia & Critical care, Sooriya Hospital, Chennai, Dr. Eric Lye Kok Weng, M.D.S., FRACDS, FAMS, PhD, Sen Cons, OMFS, Changi General Hospital Singapore. Dr. Anantanarayanan, MDS, DNB, MNAMS, Professor of Oral and Maxillofacial Surgery, MFDSRCPS, FDSRCSED, FFDRCSI, Mennakshi Ammal Dental College, Chennai.

The lectures attended by the residents, post graduates and the faculty dealt with the common causes of sleep apnoea and its progression whose nature ranges from rather harmless to insidious. With the alarming rise in cases of obesity and hypertension among the mass courtesy of unhealthy sleep pattern and stress prone and sedentary lifestyle, obstructive sleep apnoea has risen to have become the leading cause of essential hypertension and its related complications.



The lecture focused partly on the medical management and mostly on the surgical management and real-time recent advances in both surgical techniques and sophistications which served as great inspiration to the young surgeons.





National Oral Medicine and Radiology Day

National Oral Medicine and Radiology Day was celebrated on April 25th 2022 by conducting an awareness programme on the importance of Oral Medicine and Radiology.

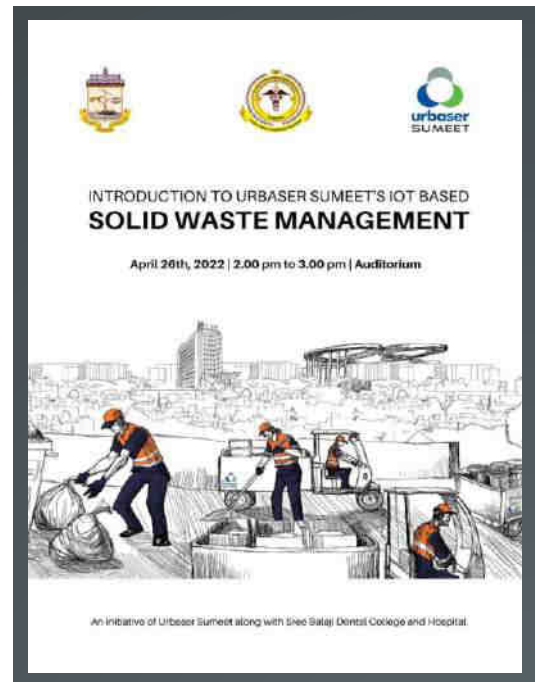
The event was conducted for the final year students of SBDCH to instill amongst them the importance of oral medicine as the next generation of dentists. Fun activities were conducted as a part of the event and to encourage active participation from all students. Quizzes, guessing the connections with photographic clues for diseases and passing the secret with drug names were conducted. The event encouraged building student teacher rapport and instilled a sense of unity among the students. At the end all the participants were honoured with a certificate of participation for their active participation and enthusiasm.





SOLID WASTE MANAGEMENT

Urbaser Sumeet along with the Department of Public Health Dentistry of Sree Balaji Dental College and Hospital conducted an awareness program on “Segregation and Disposal of Waste” on April 26th, 2022 at the auditorium of Sree Balaji Dental College and Hospital. With the rise in the magnitude of dump yards and the alarming sites of littered streets posing a greater threat to the environment, the need for modernised and sophisticated interventions and initiatives is now more than ever. Realising the gravity and the consequences of indiscipline garbage disposal methods, Urbaser Sumeet Conducted an awareness program that focused on educating the faculties and students on proper segregation and disposal of biodegradable and non-biodegradable solid waste using Internet of Things (IOT) Technology. To include further, the faculties and the undergraduates were taken on field trip to the Control and Command Centre and were educated on the workings of the real time state of the art technology and how it has contributed in clearing up acre wise expand of dump yards. The session emphasised on the importance of waste segregation and management and how an individual's commitment to reduce littering and following proper disposal protocols can make #NammaChennaiClean.



CDE OF THE MONTH

The clinical society meeting for post graduate students was held on 28th March 2022 and 18th April 2022 at the auditorium of Sree Balaji Dental College and Hospital. Presentations were done by students on clinical topics like management of orofacial pain, burning mouth syndrome, glass ceramics in cancer patients etc. After each presentation the students were engaged in a discussion and assessed for their presentation. All the papers were excellent, and at the end of the session they were awarded with certificate.





CAMPS

ORAL HEALTH CAMP

A total of 18 outreach programs were organised in the month of March 2022. A total of 1,341 people benefited from the outreach program. The target groups were students of Government schools, residents of old age homes and police quarters. As a part of the community service basic treatment was provided on the spot along with tobacco cessation counselling.

No.	Date	Venue	Beneficiaries
1	01/03/2022	Swachh Bharat Award 2022, Rippon Building	150
2	13/03/2022	IDA Sakthi Award, SBDCH	100
3	17/03/2022	Women's Welfare Wing Inauguration, SBDCH	65
4	19/03/2022	Kalaighar Varumun Kappom Thittam, Govt. School, Durga Nagar	46
5	22/03/2022	IEC vehicle camp, Lady Wellington School, Triplicane	59
6	25/03/2022	Kalaighar Varumun Kappom Thittam, Govt. School, Perungudi	120
7	26/03/2022	Sethu Foundation with IDA, Teynampet	135
8	28/03/2022	Kalaighar Varumun Kappom Thittam, SBDCH	82
9	29/03/2022	Kalaighar Varumun Kappom Thittam, Govt. School, Pallavaram	47

Sree Balaji Dental College and Hospital was awarded Swachh Bharat Award 2022 at the Ripon Building by Dr. Manish Narnaware IAS, Deputy Commissioner, Greater Chennai Corporation, based on the extensive activities undertaken by the institution in support of Swachh Bharat Mission.



A Dental and Medical Camp was conducted in association with government of Tamil Nadu as part of Kalaignar Varumun Kaapom Thittam at Durga Nagar. Tambaram Mayor Tmt. Vasanthakumari Kamalakannan and Deputy Mayor Tambaram Thiru. G. Kamaraj marked their presence at the camp.



Dental & Medical Camp conducted in association with government of Tamil Nadu.



Sree Balaji Dental College and Hospital, Department of Public Health Dentistry works in association with Greater Chennai Corporation on many community projects. 'World Oral Health Week' was observed with a series of health education sessions and distribution of oral hygiene kits at Government Schools using IEC vehicle provided by our Honourable Chief Minister of Tamil Nadu and guided by Greater Chennai Corporation.



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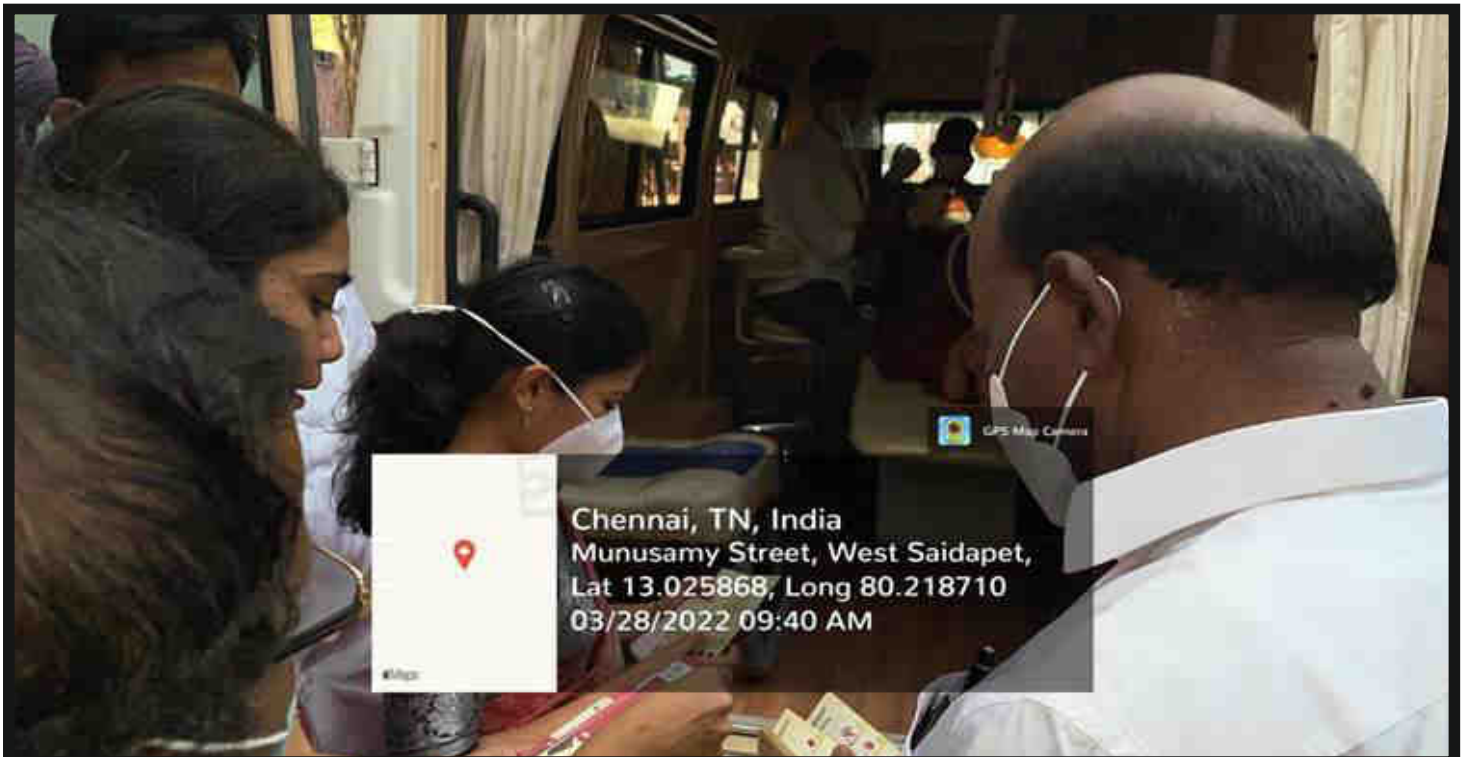
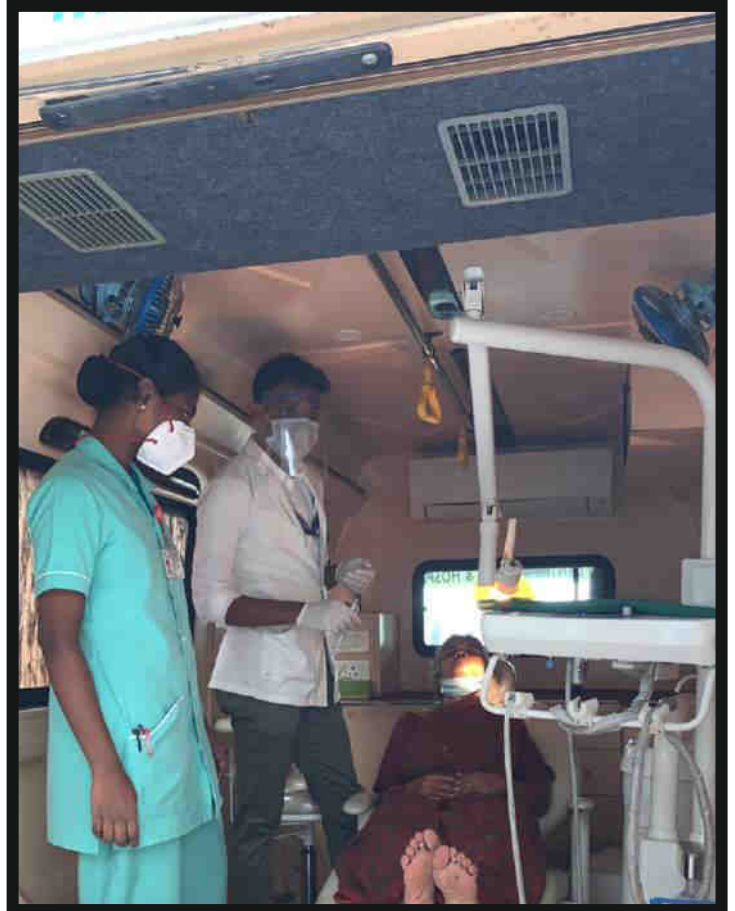
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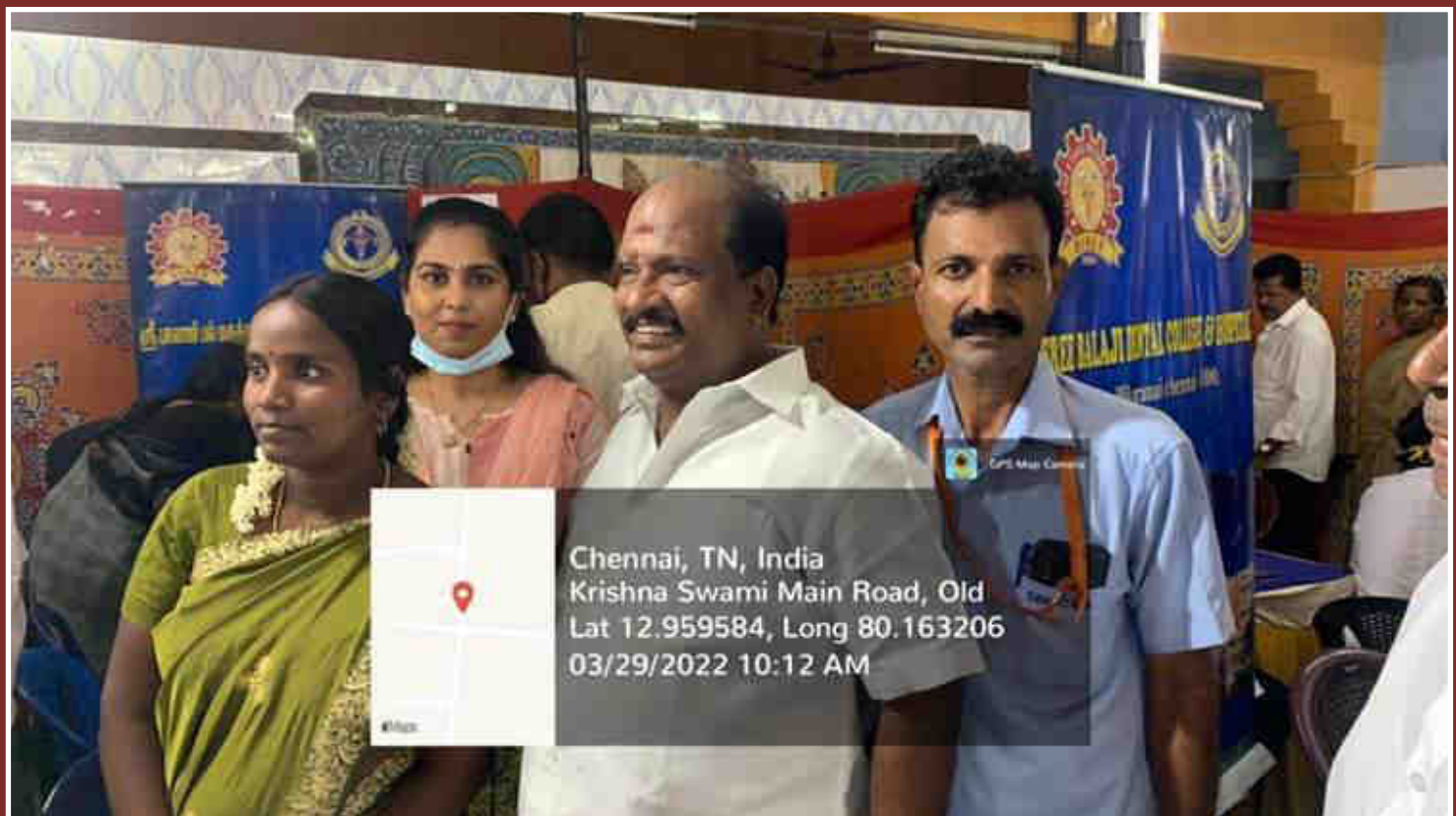


Dental camp conducted for underprivileged children in association with IDA and Sethu foundation, Teynampet.



We the members of Sree Balaji Dental College and Hospital were truly grateful for the chance to conduct a dental and medical camp in association with government of Tamil Nadu being as a part of the Varumun Kaapom Thittam. We thank our Honourable Health Minister Thiru. Ma. Subramaniyan and our Honourable Chennai Mayor Tmt. Priya Rajan who graced the event by their presence. We are hopeful and believe that our contribution did the needful to the wellbeing of the society and are awaiting for more such events.

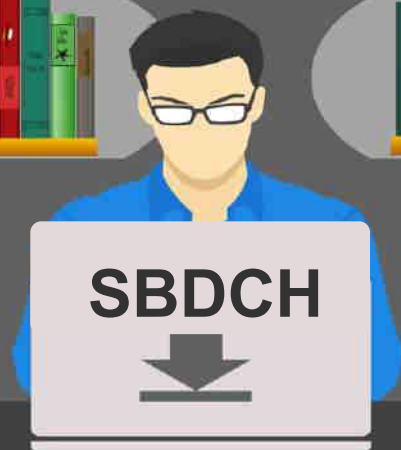






A total of 18 outreach programs were organised in the months of March and April 2022 . A total of 1,341 people benefited from the outreach program. The target groups were students of Government schools, residents of old age homes and police quarters . As a part of the community service basic treatment was provided on the spot along with tobacco cessation counselling.





PUBLICATIONS

We at Sree Balaji Dental College and Hospital not only encourage but provide state of the art facilities to cater to the needs for publications. We extend equal support and provide incentives to both faculty and students interested in publishing their research and publications. We are proud of the following faculty members who have got their work published in the year 2022.

S.No.	Name of Faculty / Students	Departments	Title	Journal
1	Dr. Sumathi Jones	Pharmacology	Vermiremediation of allopathic pharmaceutical industry sludge amended with cattle dung employing Eisenia fetida	Environmental Research 2022 Volume 214, Part 1, November
2	Dr. Sumathi Jones	Pharmacology	Synthesis of biodiesel from castor oil catalyzed by sodium hydroxide dispersed on bentonite	Sustainable Energy Technologies and Assessments 2022 Volume 53, Part B, 2022, 10252
3	Dr. Mitthra Suresh	Conservative Dentistry and Endodontics	Applications of Cold atmospheric pressure plasma in Dentistry	Journal of pharmaceutical research international 2022; 34(11A): 45-55
4	Dr. Venkatesh Alagarsamy	Conservative Dentistry and Endodontics	Comparative evaluation of antimicrobial effect of Mangosteen, Triphala, Chitosan and 2% Chlorhexidine on mono and dual- species of biofilms	European endodontic journal 2022; 7(1) 58-66
5	Dr. Krishnan Mahalakshmi	Microbiology	Becker's nevus	Pan African Medical Journal

S.No.	Name of Faculty / Students	Departments	Title	Journal
6	Dr. Krishnan Mahalakshmi	Microbiology	A Study on Depression among Transgender Residing In Chennai District	National Journal of Community Medicine
7	Dr. Vidyarani Shyam Sundar	Oral Pathology and Microbiology	Integrated Proteomics Based on 2D Gel Electrophoresis and Mass Spectrometry with Validations: Identification of a Biomarker Compendium for Oral Submucous Fibrosis—An Indian Study	J Pers Med
8	Dr. Vidyarani Shyam Sundar	Oral Pathology and Microbiology	Exome Sequencing with Validations and Expression of p16/CDKN2A Shows no Association with HPV in Oral Cancers	Asian Pac J Cancer Prev
9	Dr. Hemalatha	Oral Medicine & Radiology	A Comparative Study Of Salivary Protein Concentration, Flow Rate, Buffer Capacity And Ph Among Young And Elderly Subjects With Gingivitis And Periodontitis"-A Biochemical Study	Journal of positive school psychology
10	Dr. Bhuvaneswarri	Periodontics	Geiatric oral health- An emerging recent challege	International journal of dental sciences and innovative research
11	Dr. Sumathi Jones	Pharmacology	In-vivo genotoxicity of synthesized phyto-chemical and chemical silver nanoparticles- a comparative study	Future sciences OA
12	Dr. Sumathi Jones	Pharmacology	Role of clinical pharmacist in detection and management of iron deficiency anemia among pregnant women in rural areas- a community based study	Bulletin of Environment, Pharmacology and Life Sciences. Special Issue [1]2022 : 1312-1318

S.No.	Name of Faculty / Students	Departments	Title	Journal
13	Dr. Vidhya Rekha U	Public Health Dentistry	Molecular docking analysis of bioactive compounds from <i>Plectranthus amboinicus</i> with glucokinase.	Bioinformation.20 22;18(3):261-264.
14	Dr. Vidhya Rekha U	Public Health Dentistry	Molecular docking analysis of metformin analogues with GSK-3 β .	Bioinformation.20 22;18(3): 269-272.
15	Dr. Vidhya Rekha U	Public Health Dentistry	Molecular docking analysis of flavonoids with aldose Reductase.	Bioinformation.20 22;18(3): 180-183.
16	Dr. Vidhya Rekha U	Public Health Dentistry	Molecular docking analysis of bioactive compounds from <i>Cissampelos pareira</i> with PPAR gamma.	Bioinformation.20 22;18(3): 265-268.
17	Dr. Vidhya Rekha U	Public Health Dentistry	Thyroid-Stimulating Hormone Favors Runx2-Mediated Matrix Mineralization in HOS and SaOS2 Cells: An In Vitro and In Silico Approach.	Molecules 2022, 27, 613. https://doi.org/10.3390/molecules27030613 .
18	Dr. Vidhya Rekha U	Public Health Dentistry	A Comprehensive Review on Therapeutic Perspectives of Phytosterols in Insulin Resistance: A Mechanistic Approach.	Molecules 2022, 27, 1595. doi: 10.3390/molecules 27051595.
19	Dr. Vidhya Rekha U	Public Health Dentistry	Computational Simulations Identified Marine derived Natural Bioactive Compounds as Potential Inhibitors of Oral Cancer	Future sciences OA
20	Dr. Sumathi Jones	Pharmacology	Critical review of biochemical pathways to transformation of waste and biomass into bioenergy	Bioresource Technology, Volume 372, March 2023, 128679
21	Dr. Sumathi Jones	Pharmacology	Xylopentose production from crop residue employing xylanase enzyme	Bioresource Technology, Volume 370, February 2023, 128572



Dr. Badri Thiruvengkatachari

Professor,
Department of Orthodontics

STAFF ACHIEVEMENT

Dr. Badri Thiruvengkatachari is the director of research and professor at Sri Balaji Dental College and Hospital, Honorary Associate Professor at University of Manchester and consultant orthodontist at stepping hill Hospital UK. He inaugurated the NAMUC study on January 8th, 2022. He was invited as a guest speaker on the topic application for grant the right way forward at SRM Dental College Kattankulathur on 1st March 2022. He attended the Hands on course on naso alveolar moulding appliance by Dr. Pedro Santiago at hotel Turyaa on April 22, 2022.



Cordially invites you

TOPIC: Application for Grant – “The Right Way Forward”



Dr. Badri Thiruvengkatachari
Speaker

Date & Time

**TUESDAY,
1st MARCH, 2022
10:30am -11:30am**

Free Registration

For Registration contact:
Dr. K. Praveen, MDS
Ph. 7660929564

About Speaker

Dr. Badri Thiruvengkatachari is the Director of research and Professor in Orthodontics at SBDCH, BHER, Honorary Associate Professor at University of Manchester and Consultant Orthodontist at Stepping Hill Hospital, UK. He is a fellow of the Glasgow and English Colleges. He is an examiner for M-Edgewise MBOrth examination, Royal College of Surgeons of England, MFDS, Royal College of Surgeons of Edinburgh and LDS (licensing exam for practicing dentistry in the UK) Royal College of Surgeons of England. He is heavily involved in teaching Orthodontics. He was the orthodontic course lead for undergraduates and a clinical and research supervisor for postgraduates and Specialist Trainees at University of Manchester for over 6 years. He is the recipient of the prestigious Rising Star award (2016) and the Chapman prize (2012) from the British Orthodontic Society for the best published research work and the acclaimed David Turpin award (2011) and B.F. and Helen E. Dewel (2012 & 2020) from the American Association of Orthodontists for the best clinical research in the field of Orthodontics. He holds grants from the Department of Biotechnology, Wellcome Trust (UK), Ministry of Health, and Science and Engineering Board, for around 8 Crores. He is a reviewer for several international journals including the American Journal of Orthodontics (AJODO), the European Journal of Orthodontics and Angle Orthodontist. He has conducted many high-quality multi-center Randomised Controlled Trials and has published several high-quality peer reviewed publications with many of them in American Journal of Orthodontics and Cochrane Reviews.

Venue :

**Dr. T.P Ganesan Auditorium,
Mini Hall 1, SRMIST, Potheri,
Kattankulathur, Tamilnadu.**

Dr. Anitha Balaji is the Head of the Department and Professor in Periodontics at Sree Balaji Dental College and Hospital. She is a renowned member of the Dental council of India. She is not only an exemplary professor and dentist but an exhilarating mentor as well. On the occasion of 14th rapid review revision course - an update in periodontology and implantology, she was invited as a guest lecturer. She delivered a lecture on biochemical markers in Periodontal health and disease and was awarded with a certificate of appreciation for the same. She was also awarded with a certificate of appreciation and excellence for giving a lecture on periodontal microsurgery conducted by Chettinad Dental College and Research Institute in the conference on post graduate clinical examination. She also bagged yet another certificate of appreciation to her list of achievements for giving an oration on the auspicious event of international women's day organised by the Department of Oral & Maxillofacial Pathology of Chettinad Dental College. She published an article, a cross sectional study on Association of human leukocyte antigen with periodontics by next generation sequencing, which was published in the IOSR Journal of Medical and Dental Sciences. Her achievements and sheer dedication never fails to astonish us.





STUDENT ACHIEVEMENT

DR. NIHA NAVEED, one of our most enthusiastic and dedicated post graduate student won The Best Paper Award at IOS PG student convention. We are glad to have her represent our college. She doesn't fail to amaze us with her active participation in both academics and co-curricular activities.



CASE OF THE MONTH

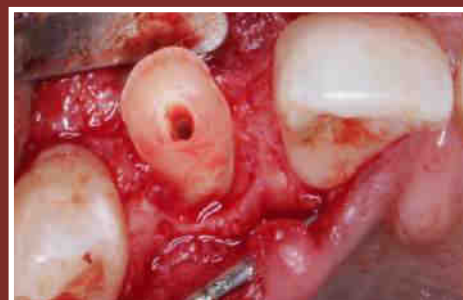


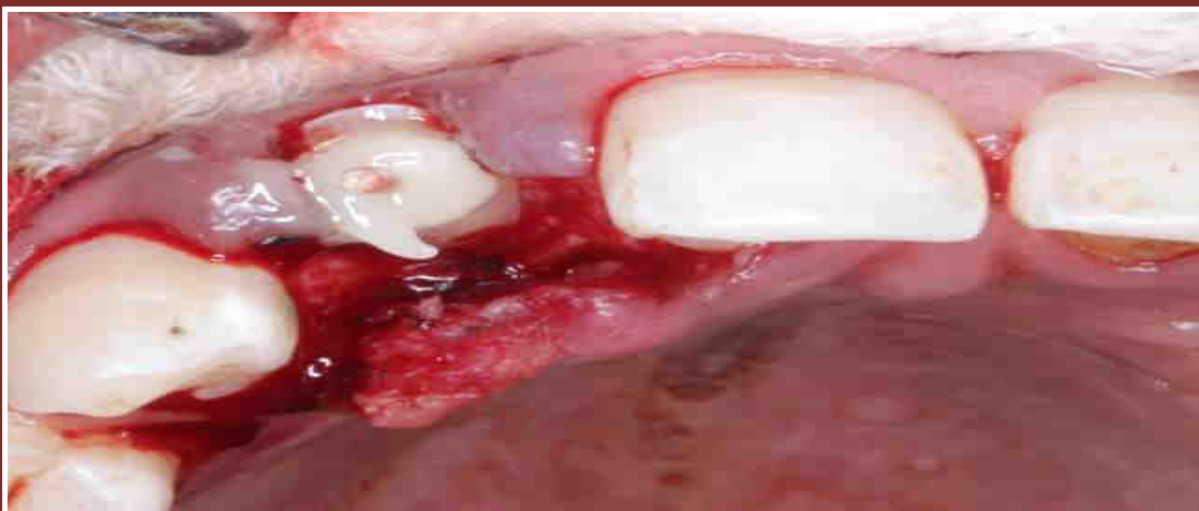
Dr. EVANGELINE IDA

FINAL YEAR POSTGRADUATE

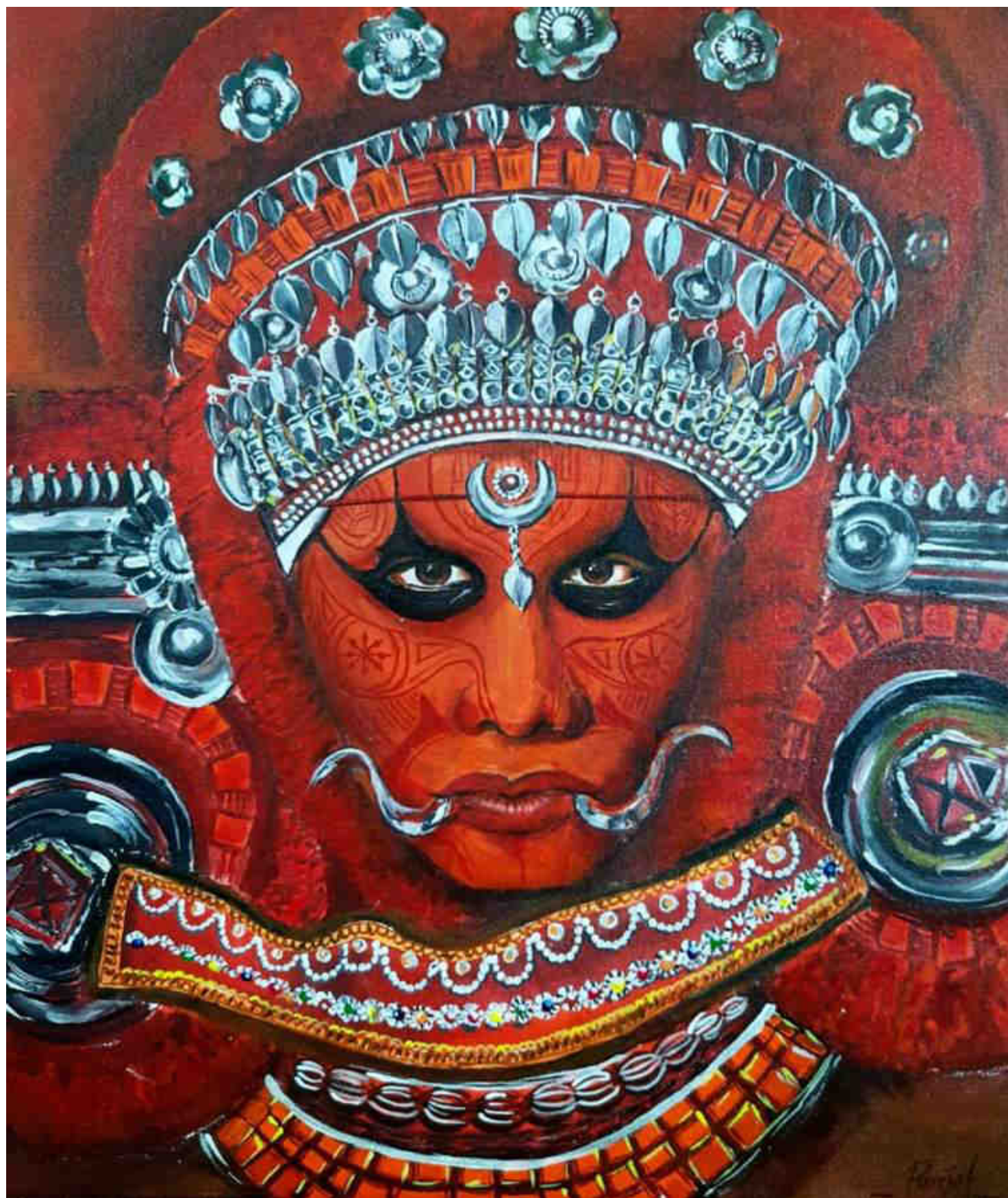
DEPT OF PERIODONTICS AND IMPLANTOLOGY

A 24 year old male patient presented to the Department of Periodontics with the chief complaint of mobility in his upper front tooth region. On examination there was an incomplete Ellis class 3 fracture in relation to 12. The crown had grade III mobility and attached to the the gingiva. The margin was supragingival in case of buccal aspect and subgingival in case of lingual aspect. RCT, fibre post and core and natural crown luting was planned. The fragment was extracted using periosteal elevator and forceps. The fragment was stored in saline at 23°C. Root canal treatment was initiated. Patient was recalled after 7 days. The patient was asymptomatic. Post space preparation was done. A full thickness periodontal flap was reflected and the fracture margins were exposed. Tooth isolation was done. Etching was done and bonding agent applied. The fibre post was placed and the crown was positioned and luted using resin cements. Finally finishing and polishing was done. The flap was positioned back and suturing was done with 5-0 vicryl. Fibre reinforced composite splint was placed in the palatal aspect of maxillary anteriors. Patient was recalled after one month for review.

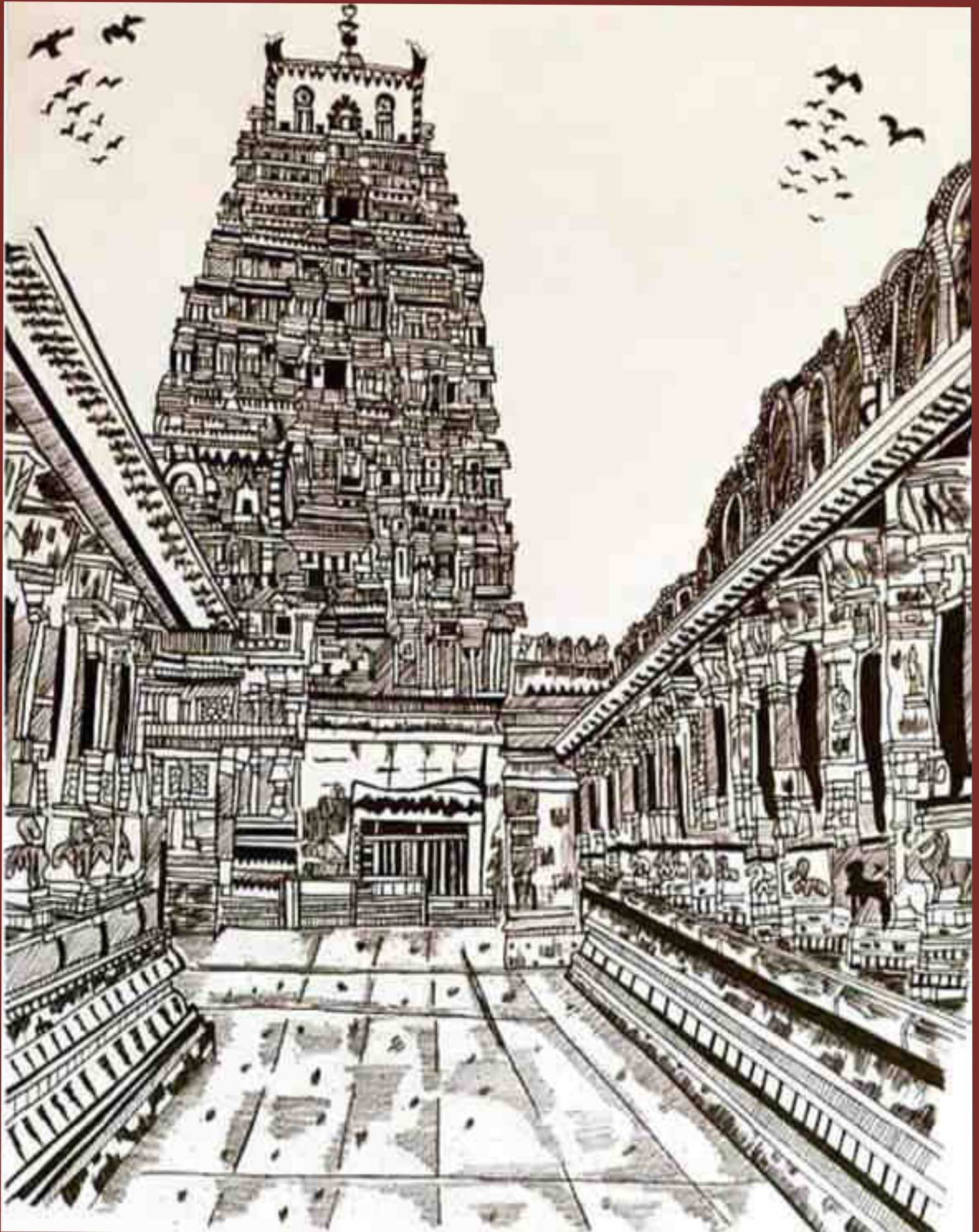




STUDENT CORNER



PARIJAT SINHA
INTERN





ALUMNI CORNER

Dr. Vas Srinivasan graduated from Sree Balaji Dental College in the year 2000. He was among the first batch of government funded students in a private dental school. A year after graduation, he was lucky enough to get an American visa to study at University of St. Thomas, Minnesota on software systems. During his study, he completed his National Board Exams Part 1, but he always wanted to pursue orthodontics, following on the footsteps of his mentor Dr. R. V. Murali (Orthodontist). He was offered a position in Master's in Orthodontics, at the University of Sydney in 2003. Upon graduation, he went onto complete his M. Orth RCS (Edin) and MRACDS. His passion for technology and innovation led him to become a global leader on Invisalign from 2013-17, where he was requested to train orthodontists around the globe especially India.

He was approached byOrmco/Envista to become their Key Opinion Leader to help build a new clear aligner system. He was one among 6 doctors globally who helped create the Spark aligners. He continues to help launch Spark in different markets, and is currently the world's largest user of this system. He also teaches the post graduates at University of Sydney. He currently owns and operates a paediatric practice, a braces only practice (operated by his associates). He is an active pilot and operates a Cirrus SR22 aircraft to fly to his satellite practice once a week.

He is proud of his charitable connections, being in the board of Driven by KM. He practices hot yoga three times per week, and has two kids Sita (10) and Veeran (7). He is looking forward to expanding his practice Invisible Orthodontics to house 15 chairs within the next 18 months. He fondly remembers the guidance, support and inspiration provided by his two mentors Dr. R. V. Murali (Ortho) and Dr. K. K. Raja (Maxfac).

Warm Regards,

Dr. Vas Srinivasan
Specialist Orthodontist





COMING SOON
STAY TUNED

- ✔ BLS-TACT 2022
- ✔ IOS Smile Rally
- ✔ World No Tobacco Day
- ✔ Medopharm Visit
- ✔ Thematic Activities on Source Segregation of Waste and its Importance

SREE BALAJI DENTAL COLLEGE & HOSPITAL

Specialities

- ☞ **ORAL & MAXILLOFACIAL SURGERY**
- ☞ **PROSTHODONTICS AND CROWN & BRIDGE**
- ☞ **ORTHODONTICS & DENTOFACIAL ORTHOPEDICS**
- ☞ **CONSERVATIVE DENTISTRY AND ENDODONTICS**
- ☞ **PERIODONTOLOGY**
- ☞ **PAEDODONTICS AND PREVENTIVE DENTISTRY**
- ☞ **ORAL PATHOLOGY & MICROBIOLOGY**
- ☞ **ORAL MEDICINE & RADIOLOGY**

**For BDS / MDS
Admission**

Please Contact

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9543264959



Sree Balaji Dental College & Hospital

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